

S/N 10/688,823

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant:	Sam Yang et al.	Examiner:	Scott Wilson
Serial No.:	10/688,823	Group Art Unit:	2826
Filed:	October 17, 2003	Docket:	303.660US7
Title:	METAL OXYNITRIDE CAPACITOR BARRIER LAYER		

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Supplemental Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. §1.97(c)(2), please charge Deposit Account No. 19-0743 in the amount of \$180.00 as set forth in 37 C.F.R. §1.17(p).

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

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Pursuant to 37 C.F.R. 1.98(a)(2), Applicant believes that copies of cited U.S. Patents and Published Applications are no longer required to be provided to the Office. Notification of this change was provided in the United States Patent and Trademark Office OG Notices dated October 12, 2004. Thus, Applicant has not included copies of any US Patents or Published Applications cited with this submission. Should the Office require copies to be provided, Applicant respectfully requests that notice of such requirement be directed to Applicant's below-signed representative. Applicant acknowledges the requirement to submit copies of foreign patent documents and non-patent literature in accordance with 37 C.F.R. 1.98(a)(2).

The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.


Respectfully submitted,

SAM YANG ET AL.

By their Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402  
(612) 373-6969

Date 9 May 2005

By   
Viet V. Tong  
Reg. No. 45,416

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 9 day of May, 2005.

Name

Tina Khorst

Signature

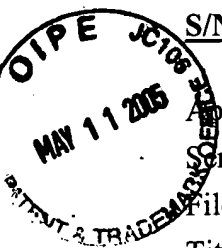


Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>	Complete if Known <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;"><b>Application Number</b></td> <td>10/688,823</td> </tr> <tr> <td><b>Filing Date</b></td> <td>October 17, 2003</td> </tr> <tr> <td><b>First Named Inventor</b></td> <td>Yang, Sam</td> </tr> <tr> <td><b>Group Art Unit</b></td> <td>2826</td> </tr> <tr> <td><b>Examiner Name</b></td> <td>Wilson, Scott</td> </tr> </table>	<b>Application Number</b>	10/688,823	<b>Filing Date</b>	October 17, 2003	<b>First Named Inventor</b>	Yang, Sam	<b>Group Art Unit</b>	2826	<b>Examiner Name</b>	Wilson, Scott
<b>Application Number</b>	10/688,823										
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<b>Examiner Name</b>	Wilson, Scott										
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US PATENT DOCUMENTS				
Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
	US-6,544,900	04/08/2003	Raaijmakers, I , et al.	11/14/2001

**EXAMINER**

**DATE CONSIDERED**



S/N 10/688,823

PATENT

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Title: METAL OXYNITRIDE CAPACITOR BARRIER LAYER

COMMUNICATION CONCERNING RELATED APPLICATION(S)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Applicants would like to bring to the Examiner's attention the following related application(s) in the above-identified patent application:

<u>Serial/Patent No.</u>	<u>Filing Date</u>	<u>Attorney Docket</u>	<u>Title</u>
09/364852 6465828	July 30, 1999	303.609US1	SEMICONDUCTOR CONTAINER STRUCTURE WITH DIFFUSION BARRIER
09/484815 6417537	January 18, 2000	303.660US1	METAL OXYNITRIDE CAPACITOR BARRIER LAYER
09/940824 6670256	August 28, 2001	303.660US2	METAL OXYNITRIDE CAPACITOR BARRIER LAYER
09/997920 6664583	November 30, 2001	303.660US3	METAL OXYNITRIDE CAPACITOR BARRIER LAYER
09/999281 6664584	November 30, 2001	303.660US4	METAL OXYNITRIDE CAPACITOR BARRIER LAYER
09/997876 6631069	November 30, 2001	303.660US5	METAL OXYNITRIDE CAPACITOR BARRIER LAYER
10/267499 6780706	October 9, 2002	303.609US2	SEMICONDUCTOR CONTAINER STRUCTURE WITH DIFFUSION BARRIER
10/688678	October 17, 2003	303.660US6	METAL OXYNITRIDE CAPACITOR BARRIER LAYER

COMMUNICATION CONCERNING RELATED APPLICATIONS

Serial Number: 10/688,823

Filing Date: October 17, 2003

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Continuations and divisionals may be later filed on the cases listed above, or cited to the Examiner in any previous Communication Concerning Related Applications. Applicant requests that the Examiner review all continuations and divisionals of the above-listed or previously-cited patent applications before allowing the claims of the present patent application.

Respectfully submitted,

SAM YANG ET AL.

By Applicants' Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

P.O. Box 2938

Minneapolis, MN 55402

(612) 373-6969

Date

9 May 2005

By



Viet V. Tong

Reg. No. 45,416

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Name

Tina Kohout

Signature

